



500.37453CX1

2615

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: DATE et al

Serial No.: 10/046,977

Filed: January 17, 2002

For: Storage Medium, Recording Apparatus, Playback Apparatus, Recording Method, And Computer Readable Storage Medium

Group: 2615

Examiner:

INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR 1.97 & 1.98

Mail Stop: DD
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

January 6, 2005

Sir:

In the matter of the above-identified application, applicant are submitting herewith a copy of the documents listed in the attached form equivalent to Form PTO-1449 for the Examiner's consideration.

This information disclosure statement is being submitted before the mailing date of either a final action or a notice of allowance and is accompanied by the fee of \$180.00 set forth in 37 CFR 1.17(p).

To the extent the documents listed on the attached form equivalent to Form PTO-1449 are not in the English language, the requirement of 37 CFR 1.98(a)(3) for a concise explanation of the relevance is satisfied by an English language abstract.

It is respectfully requested that this information disclosure statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to the deposit account of Antonelli, Terry, Stout & Kraus, LLP, Deposit Account No. 01-2135 (Case: 500.37453CX1), and please credit any excess fees to such deposit account.

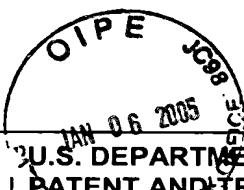
Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP



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Attachments



Form PTO-1449 U.S. DEPARTMENT OF COMMERCE Equivalent		ATTY. DKT. NO. 500.37453CX1	SERIAL NO. 10/046,977
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		APPLICANT DATE et al	
		FILING DATE Jan. 17, 2002	GROUP 2615

U.S. PATENT DOCUMENTS

Ex. Initial	Doc. No.	Date	Name		Class	Subclass	Filing Date
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						

U.S. PATENT APPLICATIONS

	Publication Number	Name		Publication Date
	AI			
	AJ			
	AK			
	AL			

FOREIGN PATENT DOCUMENTS

	Doc. No.	Date	Country	Class	Subclass	Translation/Abstract?	
						Yes	No
	AM	09-252450	9/97	Japan		Abstract	
	AN						
	AO						
	AP						
	AQ						

OTHER DOCUMENTS

	AR	
	AS	
	AT	
Examiner		Date Considered